

UCT 17 2006

Docket No. 520.42879X00  
Serial No. 10/625,639  
Office Action dated May 17, 2006**AMENDMENTS TO THE CLAIMS:**

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

**LISTING OF CLAIMS:**

1. (Currently Amended) An electrophoretic display comprising a first and second substrates each being disposed with a predetermined gap therebetween; a layer comprising an insulating solvent and charged particles dispersed in the insulating solvent, the layer being sandwiched between the substrates; a first electrode disposed on the first substrate; and a second electrode disposed on the second substrate in such a manner that the first and second electrodes are opposite to each other, wherein the first electrode has a network structure with a window in each pixel, and wherein the second electrode is provided with a reflector function with uneven surface comprising a plurality of bumps in each pixel.
2. (Previously Presented) The electrophoretic display as defined in claim 19, wherein the first electrode comprises a plurality of segments and is disposed on the first substrate.
3. (Previously Presented) The electrophoretic display as defined in claim 1, wherein the first electrode is disposed on the first substrate, and the second electrode is in a cooperative relation with the reflector.
4. (Original) The electrophoretic display as defined in claim 2, wherein the first electrode is disposed above the uneven surface of the second electrode.

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5. (Previously Presented) The electrophoretic display as defined in claim 2, wherein the first electrode is disposed in areas corresponding to the flat portions of the uneven surface of the second electrode.

6. (Original) The electrophoretic display as defined in claim 4, wherein the uneven surface of the second electrode is patterned at random.

7. (Cancelled)

8. (Previously Presented) The electrophoretic display as defined in claim 6, wherein the uneven surface of the random pattern has a string structure of continuous bumps.

9. (Previously Presented) The electrophoretic display as defined in claim 6, wherein separated electrode segments constitute the first electrode, the segments in the same pixel being on the same potential.

10. (Original) The electrophoretic display as defined in claim 1, wherein the charged particles have a low reflection ratio, its color being substantially black.

11. (Cancelled)

12. (Original) The electrophoretic display as defined in claim 1, wherein active elements are disposed on the second substrate to display picture images by active matrix drive.

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13. (Currently Amended) An electrophoretic display comprising a first and second substrates arranged with a predetermined space; a layer sandwiched between the substrates and comprising an insulating solvent and charged particles dispersed in the solvent; a first electrode disposed on the first substrate; and a second electrode disposed on the second substrate in such a manner that the first and second electrodes are opposite to each other in a pixel, wherein the first electrode ~~has an uneven surface comprising a plurality of bumps and concaves having a random pattern and~~ has a network structure with a window in each pixel and wherein the second electrode has an uneven surface comprising a plurality of bumps and concaves having a random pattern.

14. (Original) The electrophoretic display as defined in claim 13, wherein the second electrode has uneven surface and also works as a reflector, and the bumps of the uneven surface are present in the windows of the network structure of the first electrode.

15. (Cancelled)

16. (Cancelled)

17. (Original) The electrophoretic display as defined in claim 13, wherein separate electrode segments constitute the first electrode, the segments being on the same potential in one pixel.

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18. (Original) The electrophoretic display as defined in claim 13, wherein the second substrate is provided with active elements to display imaged by active matrix drive.

19. (Previously Presented) The electrophoretic display as defined in claim 13, wherein the uneven surface of the reflector comprises a plurality of bumps and concaves.

20. (Previously Presented) The electrophoretic display as defined in claim 13, wherein the first electrode comprises a plurality of segments.

21. (Previously Presented) The electrophoretic display as defined in claim 13, wherein the first electrode is disposed in the areas corresponding to flat portions of the uneven surface of the second electrode.

22. (Previously Presented) The electrophoretic display as defined in claim 13, wherein the uneven surface of the random pattern has a string structure of continuous bumps.

23-26. (Canceled.)

27. (Previously Presented) The electrophoretic display as defined in claim 4, wherein the first electrode is disposed in areas between the bumps.